

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------|---|------------------|---------|---------------------|
| L1 | 361 | (52/414).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L2 | 349 | (52/334).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L3 | 441 | (52/432).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L4 | 121 | (52/514.5).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L5 | 1059 | (52/514).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L6 | 1196 | (52/167.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |

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| L7 | 177 | (52/231).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:19 |
| L8 | 386 | (52/707).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:20 |
| L9 | 227 | (52/708).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:20 |
| L10 | 226 | (52/711).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:20 |
| L11 | 97 | (52/431).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:20 |
| L12 | 895 | (52/600).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/02 11:20 |
| S1 | 335 | (52/169.14).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 11:40 |
| S2 | 4 | S1 and (shaft or pole or post) same steel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 12:43 |
| S3 | 194 | (52/169.13).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 12:48 |
| S4 | 300 | (52/170).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 12:53 |

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| S5 | 252 | (52/721.4).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 12:53 |
| S6 | 140 | (52/723.1).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 12:53 |
| S7 | 54 | (S1 or S3 or S4 or S5 or S6) and paint | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 12:55 |
| S8 | 57 | (S1 or S3 or S4 or S5 or S6) and corrosi\$3 near4 resist\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 12:56 |
| S9 | 8 | S7 and S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 12:57 |
| S10 | 1 | ("4019301").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 12:57 |
| S11 | 26 | S8 and coating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 12:59 |
| S12 | 1 | ("3939665").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/24 13:04 |
| S13 | 8 | (S1 or S3 or S4 or S5 or S6) and ammonium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 13:12 |
| S14 | 1 | (S1 or S3 or S4 or S5 or S6) and resin binder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 13:22 |

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| S15 | 77 | (S1 or S3 or S4 or S5 or S6) and epoxy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 13:23 |
| S16 | 5 | neutralize ammonium ions | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 13:34 |
| S17 | 2 | GB "2378710" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 14:56 |
| S18 | 2 | JP "2004202693" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 15:14 |
| S19 | 2 | JP "2002371372" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 15:18 |
| S20 | 2 | JP "2004211292" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/24 15:27 |
| S23 | 1 | dog near3 urine and ((steel or metal) near (pole or post or stake)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 07:58 |
| S24 | 74 | ("0511378" "0946665" "1213002" "1213201" "1858512" "2650948" "2836397" "2841634" "3013584" "3235652" "3399852" "3489847" "3622689" "3813837" "3977653" "4054269" "4061435" "4082917" "4136257" "4194338" "4202520" "4228316" "4431152" "4435242" "4462572" "4646618" "4680428").PN. OR ("4803819").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/25 08:37 |
| S25 | 5 | S24 and resistance and coating | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/25 09:16 |

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| S26 | 28 | (fire hydrant) and coating with resist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/25 09:23 |
| S27 | 34 | (US-20030093962-\$ or US-20020007613-\$ or US-20060101778-\$ or US-20010003336-\$).did. or (US-3611736-\$ or US-4019301-\$ or US-6189286-\$ or US-4058985-\$ or US-3939665-\$ or US-7171793-\$ or US-6938390-\$ or US-6460305-\$ or US-6048594-\$ or US-6006488-\$ or US-5800889-\$ or US-5770276-\$ or US-4993876-\$ or US-4558545-\$ or US-4802533-\$ or US-4803819-\$ or US-5020934-\$).did. or (US-2413243-\$ or US-2910381-\$ or US-3523884-\$ or US-3450295-\$ or US-2145284-\$ or US-3429758-\$).did. or (GB-2378710-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 09:31 |
| S28 | 28 | S27 and steel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 09:31 |
| S29 | 22 | S28 and coating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 09:32 |
| S30 | 21 | S29 and corros\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 09:32 |
| S31 | 10731 | cation and (react\$5 or neutral\$5) and steel and (pole or post) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:00 |
| S32 | 139 | cation and (react\$5 or neutral\$5) and steel near5 (pole or post) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:01 |
| S33 | 88 | S32 and coating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:02 |

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| S34 | 15 | S33 NOT (film or photo) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:03 |
| S35 | 508 | dog near2 (urin\$5 or pee or tinkle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:07 |
| S36 | 2 | S35 and steel near4 (pole or shaft or hydrant or post or rod) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:08 |
| S37 | 17 | S35 and corro\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 10:10 |
| S38 | 3162 | ammonium ion and corrosion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:03 |
| S39 | 376 | (148/240).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/25 11:03 |
| S40 | 336 | (148/287).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/25 11:03 |
| S44 | 0 | ("17and(molybdateorborateorvanadinateorphosphateorsulfate)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/25 11:14 |
| S45 | 2331 | S38 and (molybdate or borate or vanadinate or phosphate or sulfate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:15 |
| S46 | 1297 | S45 and coating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:16 |

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| S47 | 29 | S46 and (steel or metal) near (pole or shaft or post) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:17 |
| S48 | 669 | S38 and epoxy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:21 |
| S49 | 523 | S48 not (medical or medicine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:22 |
| S50 | 80 | S48 not (film or photo\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 11:22 |
| S51 | 49 | OKOCHI.in. and corrosion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 16:48 |
| S52 | 8 | dog near2 urine and corros\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/25 16:50 |

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| S53 | 48 | (US-20030093962-\$ or US-20020007613-\$ or US-20060101778-\$ or US-20010003336-\$ or US-20030168128-\$).did. or (US-3611736-\$ or US-4019301-\$ or US-6189286-\$ or US-4058985-\$ or US-3939665-\$ or US-7171793-\$ or US-6938390-\$ or US-6460305-\$ or US-6048594-\$ or US-6006488-\$ or US-5800889-\$ or US-5770276-\$ or US-4993876-\$ or US-4558545-\$ or US-4802533-\$ or US-4803819-\$ or US-5020934-\$ or US-5116256-\$ or US-7175882-\$ or US-5993567-\$ or US-5948178-\$ or US-5843242-\$ or US-4765871-\$ or US-3932198-\$ or US-3714066-\$ or US-5395555-\$).did. or (US-2413243-\$ or US-2910381-\$ or US-3523884-\$ or US-3450295-\$ or US-2145284-\$ or US-3429758-\$ or US-3625716-\$).did. or (GB-2378710-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$ or JP-2005264695-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$ or JP-2003073856-\$ or JP-2002241959-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2007/10/26 12:15 |
| S54 | 19 | S53 and zinc | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/10/26 12:16 |
| S55 | 57780 | resist\$4 same (((dog canine) near3 (urine or pee)) or (ammonium ammonia ammon\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:38 |
| S56 | 30298 | (coating or layer).ab. same (((dog canine) near3 (urine or pee)) or (ammonium ammonia ammon\$4)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:40 |
| S57 | 50004 | (coating or layer).ab. and (((dog canine) adj (urine or pee)) or (ammonium ammonia ammon\$4)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:42 |
| S58 | 271506 | (((dog canine) adj (urine or pee)) or (ammonium ammonia ammon\$4)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:42 |

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| S59 | 15 | resist\$4 same ((dog canine) near3 (urine or pee)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:42 |
| S60 | 14 | S59 not (plastic or polymer\$4).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:43 |
| S61 | 117 | ((coating or layer) with (resistance resistant) with corrosion with (ammonium ammonia ammon\$4)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/02 17:48 |
| S62 | 2028 | ammonia with corrosive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/03 08:54 |
| S63 | 156301 | ("52").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 08:55 |
| S64 | 137682 | ("427").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 08:59 |
| S65 | 56782 | ("148").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 08:59 |
| S66 | 106896 | ("106").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 08:59 |
| S67 | 250 | S62 and (S63 S64 S65 S66) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/07/03 09:00 |
| S68 | 13 | ("3531414").URPN. | USPAT | OR | ON | 2008/07/03 09:07 |
| S69 | 84 | (zinc near plated) with steel with (post pole shaft rod) | USPAT | OR | ON | 2008/07/03 10:30 |
| S70 | 11 | S69 same (titanium nickel gold silver platinum) | USPAT | OR | ON | 2008/07/03 10:31 |

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| S71 | 263 | (dog or canine) near3 (piss urine pee ammoni\$3) | USPAT | OR | ON | 2008/07/03 10:35 |
| S72 | 618062 | (titanium nickel gold silver platinum) | USPAT | OR | ON | 2008/07/03 11:00 |
| S73 | 4812 | (titanium nickel gold silver platinum) with (corrosion adj resistance) | USPAT | OR | ON | 2008/07/03 11:01 |
| S74 | 147 | (titanium nickel gold silver platinum) with (corrosion adj resistance) same (steel with zinc) | USPAT | OR | ON | 2008/07/03 11:01 |
| S75 | 1 | ("20040018376").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 11:02 |
| S76 | 35 | ("20010042538" "20020053341" "20020083924" "20020108660" "20030019477" "20030056759" "20040226540" "4457280" "4474160" "4519368" "4570600" "4660524" "5022372" "5024198" "5027777" "5090385" "5211149" "5617827" "6148798" "6205979" "6354273" "6371083" "6418909" "6418910" "6427665" "6463911" "6470859" "6497128" "6497219" "6513500" "6513501" "6672286" "6889660" "6901914").PN. OR ("7028668").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/03 11:07 |
| S77 | 1 | ("4999258").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 11:09 |
| S78 | 252 | (52/721.4).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 13:50 |
| S79 | 140 | (52/723.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 13:50 |
| S80 | 196 | (52/169.13).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 13:50 |
| S81 | 339 | (52/169.14).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 13:50 |
| S82 | 302 | (52/170).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 13:50 |
| S83 | 14 | (US-20030093962-\$.did. or (US-4558545-\$ or US-7175882-\$ or US-4803819-\$ or US-4058985-\$ or US-5800889-\$ or US-5395555-\$.did. or (US-3523884-\$ or US-3429758-\$.did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP- 2004211292-\$ or JP-2005264695-\$.did. or (JP-2003073856-\$.did. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2008/12/17 09:15 |
| S84 | 19 | (US-20030168128-\$ or US-20040018376-\$.did. or (US-3939665-\$ or US- 6006488-\$ or US-4802533-\$ or US-5020934-\$ or US-5993567-\$ or US-5948178- \$ or US-5843242-\$ or US-3714066-\$ or US-6723178-\$ or US-6527841-\$ or US- 4999258-\$ or US-6797372-\$ or US-6537674-\$ or US-5753313-\$ or US-5238506- \$).did. or (US-3531414-\$ or US-3411958-\$.did. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 09:15 |

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| S85 | 33 | S83 or S84 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/17 09:15 |
| S86 | 14 | S85 and ammonium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/17 09:16 |
| S87 | 2 | S85 and ammonium with resistan\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/17 09:21 |
| S88 | 0 | (52/721.4).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:28 |
| S89 | 0 | (52/723.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:28 |
| S90 | 690 | (52/834).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:28 |
| S91 | 205 | (52/169.13).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:28 |
| S92 | 380 | (52/169.14).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:29 |

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| S93 | 307 | (52/170).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/04/02 16:29 |
| S94 | 46045 | coating with (amine polyamine isocyanate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 12:40 |
| S95 | 1222 | coating with (amine polyamine isocyanate) with corros\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 12:40 |
| S96 | 402 | coating with (amine polyamine isocyanate) with corros\$4 with epoxy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 12:41 |
| S97 | 11 | coating with (amine polyamine isocyanate) with corros\$4 with epoxy same ammonium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 12:41 |
| S98 | 2 | ((("4692315") or ("20020043649")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/03 14:26 |
| S99 | 14 | (US-20030093962-\$.did. or (US-4558545-\$ or US-7175882-\$ or US-4803819-\$ or US-4058985-\$ or US-5800889-\$ or US-5395555-\$.did. or (US-3523884-\$ or US-3429758-\$.did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$ or JP-2005264695-\$.did. or (JP-2003073856-\$.did. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2009/09/03 14:56 |
| S100 | 19 | (US-20030168128-\$ or US-20040018376-\$.did. or (US-3939665-\$ or US-6006488-\$ or US-4802533-\$ or US-5020934-\$ or US-5993567-\$ or US-5948178-\$ or US-5843242-\$ or US-3714066-\$ or US-6723178-\$ or US-6527841-\$ or US-4999258-\$ or US-6797372-\$ or US-6537674-\$ or US-5753313-\$ or US-5238506-\$.did. or (US-3531414-\$ or US-3411958-\$.did. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/03 14:56 |
| S101 | 78 | ("20020043649" "20030093962" "20030168128" "20040018376" "3411958" "3429758" "3523884" "3531414" "3714066" "3939665" "4058985" "4558545" "4692315" "4802533" "4803819" "4999258" "5020934" "5238506" "5395555" "5753313" "5800889" "5843242" "5948178" "5993567" "6006488" "6527841" "6537674" "6723178" "6797372" "7175882").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 14:57 |

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|------|-----|---|---|----|-----|---------------------|
| S102 | 68 | (US-20030093962-\$ or US-20020007613-\$ or US-20060101778-\$ or US-20010003336-\$ or US-20030168128-\$ or US-20040018376-\$ or US-20050179010-\$ or US-20020043649-\$).did. or (US-3611736-\$ or US-4019301-\$ or US-6189286-\$ or US-4058985-\$ or US-3939665-\$ or US-7171793-\$ or US-6938390-\$ or US-6460305-\$ or US-6048594-\$ or US-6006488-\$ or US-5800889-\$ or US-5770276-\$ or US-4993876-\$ or US-4558545-\$ or US-4802533-\$ or US-4803819-\$ or US-5020934-\$ or US-5116256-\$ or US-7175882-\$ or US-5993567-\$ or US-5948178-\$ or US-5843242-\$ or US-4765871-\$ or US-3932198-\$ or US-3714066-\$ or US-5395555-\$).did. or (US-7291217-\$ or US-6723178-\$ or US-6527841-\$ or US-7041382-\$ or US-7028668-\$ or US-4999258-\$ or US-6797372-\$ or US-6537674-\$ or US-5753313-\$ or US-5238506-\$ or US-6582575-\$ or US-6046256-\$ or US-4692315-\$).did. or (US-2413243-\$ or US-2910381-\$ or US-3523884-\$ or US-3450295-\$ or US-2145284-\$ or US-3429758-\$ or US-3625716-\$ or US-3531414-\$ or US-3411958-\$ or US-3119846-\$).did. or (GB-2378710-\$ or WO-9619298-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$ or JP-2005264695-\$).did. or (JP-2002371372-\$ or JP-2004202693-\$ or JP-2004211292-\$ or JP-2003073856-\$ or JP-2002241959-\$ or EP-1657325-A-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/09/03 14:57 |
| S103 | 33 | S102 not (S99 S100 S101) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/09/03 14:57 |
| S104 | 0 | (52/721.4).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/09/03 15:01 |
| S105 | 0 | (52/723.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/09/03 15:01 |
| S106 | 208 | (52/169.13).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/09/03 15:01 |
| S107 | 385 | (52/169.14).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/09/03 15:01 |

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|------|-----|-------------------|---|----|-----|---------------------|
| S108 | 309 | (52/170).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/09/03 15:01 |
| S111 | 209 | (52/169.13).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/01 18:54 |
| S112 | 386 | (52/169.14).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/01 18:55 |
| S113 | 314 | (52/170).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/01 18:55 |
| S115 | 705 | (52/834).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/01 18:55 |

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